

Converting Colors

Hex(A7E981)

Have a look what the booklet for
Hex(A7E981) contains.

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Color

Hex(A7E981)

Conversions

Conversions Part 1

Format	Color
Hex	A7E981
RGB	167, 233, 129
RGB Percent	65%, 91%, 51%
CMY	0.3451, 0.0863, 0.4941
CMYK	0.28, 0.00, 0.45, 0.09
HSL	98°, 70%, 71%
HSV	98°, 45%, 91%
XYZ	49.0377, 68.0783, 31.3247
YIQ	201.4100, -5.9520, -46.3360

Conversions

Conversions Part 2

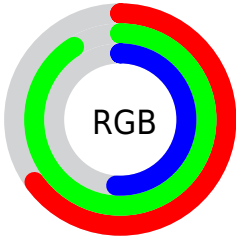
Format	Color
RYB	129, 233, 195
Decimal	11004289
CIELab	86.05, -38.83, 43.91
CIELCh	86, 58.617, 131.487
Yxy	68.0783, 0.3304, 0.4586
Android (android.graphics.Color)	4289194369 (0xFFA7E981)
YUV	201.4100, -35.6981, -30.1776
Hunter-Lab	82.5096, -38.3043, 35.2473

Details

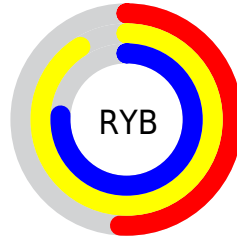
The Hex color **A7E981** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C381E9**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E0FFB7**, and **70B14D** is the 20% darker color. If you saturate the color by 10%, you get **98E96A**, and if you desaturate by 10%, it is **B6E998**.

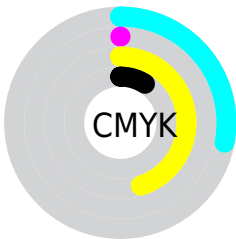
Distribution



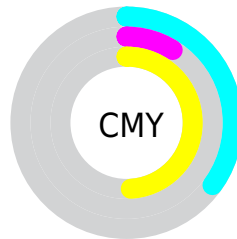
- Red (65%)
- Green (91%)
- Blue (51%)



- Red (51%)
- Yellow (91%)
- Blue (76%)



- Cyan (28%)
- Magenta (0%)
- Yellow (45%)
- Black (9%)



- Cyan (35%)
- Magenta (9%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7E981 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color A7E981 by changing the saturation by 10% instead.

 A7E981

 A7E981

FFFFFF

 8BCD67

 E0FFB7

 70B14D

 FEFFD3

 559634

 FFFFF0

 3A7C19

 1C6200

 004A00

 003200

 001D00

 000000

 A7E981

 A7E981

 98E96A

 B6E998

 89E952

 C5E9B0

 7BE93B

 D3E9C7

 6CE924

 E2E9DE

 5DE90C

 F1E9F6

 55E900

 FFE9FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E4DB66



A7E981



53F1B2

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



A7E981



00E7FF



FFA9C4

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



A7E981



C381E9

Split Complementary

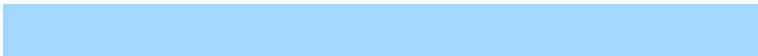
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFAEFC



A7E981



A2D6FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A7E981



00F1FF



F8C0FF



FFB490

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



A7E981



00F3D8



F8C0FF



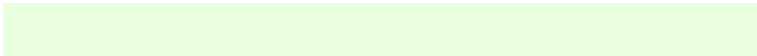
FFA9D7

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



A7E981



E AFFDE



E9C381



73806B



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



A7E981



A8FF75



81E98F



6E756A



42B500



143600

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C381E9



CD75FF



E981DB



716A75



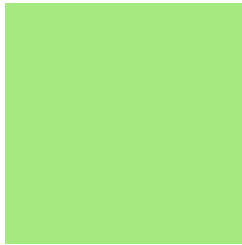
7300B5



220036

Previews

White Background



This preview shows how the Hex color A7E981 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color A7E981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex A7E981 Background



This preview shows how black text looks on a background with the Hex color A7E981.

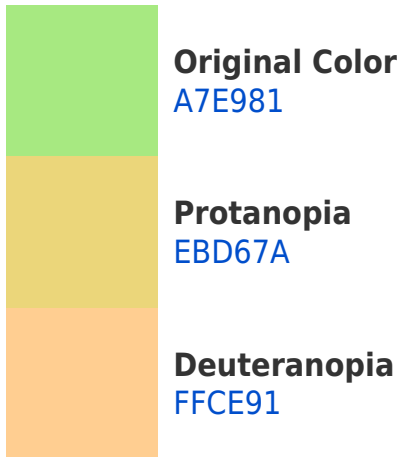


This preview shows how white text looks on a background with the Hex color A7E981.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

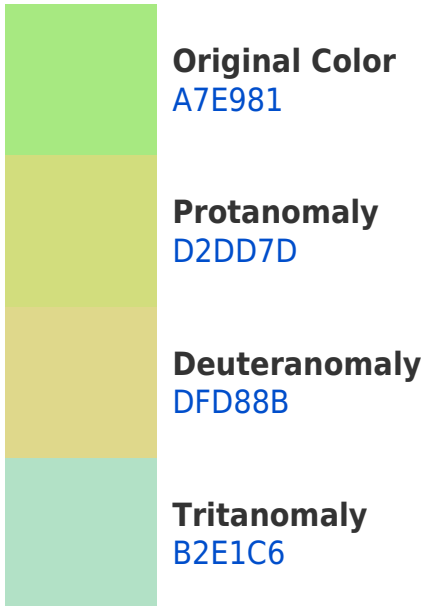
Dichromacy



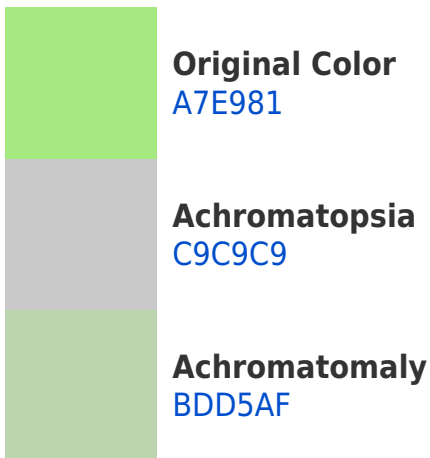


Tritanopia
B8DCEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A7E981 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #A7E981 looks like.

```
.text, #text, p{  
    color:#A7E981  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #A7E981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7E981
}
```

Border

The CSS property to change the border of an element to Hex A7E981 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A7E981 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#A7E981 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #A7E981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7E981; -webkit-box-shadow:4px 4px  
4px 4px #A7E981; box-shadow:4px 4px 4px  
4px #A7E981 }
```

Background

The CSS property to change the background color of an element to Hex A7E981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7E981 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#A7E981 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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